

State Implementation Plan/Air Quality Plans

The Air Pollution Control Program submits rules to the **Missouri Air Conservation Commission** and writes the **State Implementation Plan (SIP)** and air quality plans that indicate how Missouri will achieve and maintain the federal standards for **ozone** and other pollutants.

The **SIP** is the primary method for achieving the **National Ambient Air Quality Standards** for compliance with the Clean Air Act. Distinct air quality plans are developed to address emission source types as well as specific air pollutants. Whenever concentrations of a specific pollutant exceed federal standards, a plan is developed to bring the area into compliance. Air quality plans include area emissions inventories, emissions growth projections, computer modeling of emissions' sources and the effects of emission sources and emission control strategies that include regulatory control measures and contingency control measures.

The **Missouri Air Conservation Commission** adopted the following three plan actions in 2002:

2002 Kansas City Maintenance Plan for Control of Ozone*

EPA approved the current Kansas City **Ozone** Maintenance Plan on

June 23, 1992. This plan action is a periodic revision to the plan that is required by the Clean Air Act after a **nonattainment area** has been redesignated to an **attainment area**. This subsequent plan includes an updated emissions inventory, emission growth projections, emission control measures, contingency measures and provides for continued operation of the monitoring network to demonstrate how the area will maintain the **ozone** standard for the next 10 years. The plan relies on an **attainment** level of emissions of volatile organic compounds and nitrogen oxides to maintain the **ozone** standard through a combination of control measures, which includes both stationary and mobile source controls. The plan shows that the 1999 emissions when projected to 2012 will not increase. The MACC adopted this plan action on July 25, 2002.

Redesignation Demonstration and Maintenance Plan for the Missouri Portion of the St. Louis Ozone Nonattainment Area*

This plan action includes a maintenance plan for the St. Louis area to proceed with a Missouri Department of Natural Resources' Air Pollution Control Program redesignation request. The St. Louis area was designated under the federal Clean Air Act as a moderate

nonattainment area for ground level **ozone**. The area attained the one-hour **ozone** standard in 2002. The redesignation request is based on three years of no violations of the standard during the period 2000 to 2002. A maintenance plan is required to show how the area will maintain air quality that meets the **National Ambient Air Quality Standards** before an area can be redesignated to **attainment** status. The maintenance plan includes an updated area emissions inventory, emissions growth projections, emission control measures; contingency measures and provides for continued operation of the monitoring network. The MACC adopted this plan action on Dec. 5, 2002.

Missouri State Implementation Plan (SIP), Lead Plan for the Doe Run Resource Recycling Division*

This plan action includes production limit changes that allows the facility greater operational flexibility without increasing net **lead** emissions. The plan demonstrates that it will continue to meet the **National Ambient Air Quality Standards**. MACC adopted the plan on Dec. 5, 2002.

*These plans are part of the Missouri **State Implementation Plan**.

